PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 01-836-A	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
International application No.	International filing dat	e (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/US02/31411	03 OCTOBER 2002		os DECEMBER 2001			
Applicant SPRINT SPECTRUM, L.P.						
according to Article 18. A copy is bein This international search report consis	g transmitted to the Inte ts of a total of $\underline{5}$ shee	rnational Bureau.	thority and is transmitted to the applicant			
X It is also accompanied by a c	opy of each prior art doc	ument cited in this	report.			
language in which it was filed,	unless otherwise indicated	under this item.	pasis of the international application in the			
b. With regard to any nucleotide was carried out on the basis of		ce disclosed in the in	nternational application, the international search			
contained in the internation		form.				
filed together with the inter	rnational application in co	omputer readable for	· · · · · · · · · · · · · · · · · · ·			
furnished subsequently to th	furnished subsequently to this Authority in written form.					
furnished subsequently to th	is Authority in computer	readable form.				
the statement that the subs	equently furnished writte	n sequence listing d	oes not go beyond the disclosure in			
the statement that the information furnished.	ation recorded in computer	readable form is iden	tical to the written sequence listing has b een			
2. Certain claims were found	unsearchable (See Box I).				
3. Unity of invention is lacking	ng (See Box II).					
4. With regard to the title,						
X the text is approved as sub-	mitted by the applicant.		•			
the text has been establishe	d by this Authority to re	ad as follows:				
5. With regard to the abstract,			•			
the text is approved as sub-	* *:					
X the text has been establishe Box III. The applicant may, search report, submit comm	within one month from th					
6. The figure of the drawings to be p	ublished with the abstrac	t is Figure No. 1	<u> </u>			
as suggested by the applica	nt.		None of the form			
X because the applicant failed	to suggest a figure.		None of the figures.			
because this figure better c	haracterizes the invention	ı.				

Form PCT/ISA/210 (first sheet) (July 1998)*

International application No.
PCT/US02/31411

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)				
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:				
2. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:				
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows:				
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.				
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				

Form PCT/ISA/210 (continuation of first sheet(1)) (July 1998)*

International application No. PCT/US02/81411

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

NEW ABSTRACT

A mechanism is disclosed for controlling capacity in a communication system (12), based on zones (16) in which subscribers (A) are located. When a subscriber seeks to establish a communication session amoung multiple subscribers, a determination is made as to whether more than a threshold number of the subscribers are located in a common zone. If so, the excess subscribers in that zone are excluded from participating in the session.

Form PCT/ISA/210 (continuation of first sheet(2)) (July 1998)*

International application No. PCT/US02/31411

• ,	H0+B 7/00; H0+Q 7/20 455/518, 519				
	o International Patent Classification (IPC) or to both	n national classification and IPC			
B. FIEL	DS SEARCHED				
Minimum d	ocumentation searched (classification system followed	d by classification symbols)			
U.S. :	455/518, 519, 414, 450, 451, 452, 453				
Documentat searched	ion searched other than minimum documentation to	o the extent that such documents are i	ncluded in the fields		
Electronic d BRS	lata base consulted during the international search (r	name of data base and, where practicable	e, search terms used)		
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.		
X			1-11,14-20, 23-32		
Y	2, col 7 line 63-col 8 line 44		12,13,21,22		
A,E	US 6,490,452 B1 (BOSCOVIC et al) 03 December 2002, col 4 line 62-col 5 line 67.		1-32		
Y	US 6,032,051 A (HALL et al) 29 February 2000, col 3 lines 4-54		12,13		
Y	US 4,870,408 A (ZDUNEK et al) 26 September 1989, col 3 line 60-col 4 line 7		21,22		
A,P	US 6,381,467 B1 (HILL et al) 30 Apr	il 2002, see entire document	1-32		
X Further documents are listed in the continuation of Box C. See patent family annex.					
* Special categories of cited documents: "T" later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention					
"E" earlier document published on or after the international filing date "X" document of particular relevance, the considered novel or cannot be considered.			e claimed invention cannot be red to involve an inventive step		
cit spe	cument which may threw doubts on priority claim(s) or which is ed to establish the publication date of another citation or other scial reason (as specified)	"Y" document of particular relevance; the considered to involve an inventive step	when the document is combined		
"P" do	cument referring to an oral disclosure, use, exhibition or other ans cument published prior to the international filing date but later	with one or more other such docum obvious to a person skilled in the art "A" document member of the same patent	-		
Date of the actual completion of the international search Date of mailing of the international search report					
	MBER 2002	04 MAR 2003			
	nailing address of the ISA/US oner of Patents and Trademarks	Authorized officer			
Washington, D.C. 20231		1 1/1/	WUW - I/UM a		
Facsimile N	lo. (703) 305-3230	Telephone No. (703) 305-3965			

Form PCT/ISA/210 (second sheet) (July 1998)#

International application No.
PCT/US02/51411

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No. 1-32 1-32
A.		
A .	US 6,119,017 A (CASSIDY et al) 12 Spetember 2000, col 4 lines 3-65	
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Form PCT/ISA/210 (continuation of second sheet) (July 1998) ±